

Title (en)

MULTI-PROCESSING SYSTEM AND A METHOD OF EXECUTING A PLURALITY OF DATA PROCESSING TASKS

Title (de)

MEHRFACHVERARBEITUNGSSYSTEM UND VERFAHREN ZUM AUSFÜHREN EINER VIELZAHL VON DATENVERARBEITUNGSAUFGABEN

Title (fr)

SYSTÈME DE MULTITRAITEMENT ET PROCÉDÉ D'EXÉCUTION D'UNE PLURALITÉ DE TÂCHES DE TRAITEMENT DE DONNÉES

Publication

EP 2021921 A2 20090211 (EN)

Application

EP 07735895 A 20070514

Priority

- IB 2007051824 W 20070514
- EP 06114088 A 20060517
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Abstract (en)

[origin: WO2007132424A2] A plurality of data processing tasks with processing elements (10) that contend for a resource (18). Execution of each task comprising executing a series of instructions. During execution indications are measured of the speed of progress of executing the instructions for respective ones of the tasks. Requests to access the resource (18) for different ones of the tasks are arbitrated, a priority for judging arbitration being assigned to each task based on the measured indication of the speed of progress of the task. At least over a part of a range of possible speed of progress values increasingly higher priority is assigned in case of increasingly lower indication of the speed of progress.

IPC 8 full level

G06F 9/48 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2007132424A2

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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